

Declaration and Power of Attorney for a Patent Application



As below named inventor, I hereby declare that my residence post office address, and citizenship are as stated

below my name. Furthe listed below) or an origir claimed and for which a	al, first and joint inven	itor (if plural names a	are listed below) of	f the subject matter	which is
A METHOD FOR PROVE	DING EXTENDED P	RECISION IN SIM	D VECTOR ARIT	HMETIC OPERATI	ONS
the specification of whic	ch:				
is attached hereto X was filed on 1 was amend	o, or 0/9/97 as a ed on	pplication serial no.	08/947,648	: and	
I hereby state that I hav the claims, as amended	re reviewed and unde by any amendment r	rstand the contents eferred to above; an	of the above ident d	tified specification,	including
I acknowledge the duty accordance with Title 3	to disclose information 7, Code of Federal Re	n which is material to egulations, Section 1	o the examination (1.56(a).	of this application i	า
Foreign Priority	Claim				
I hereby claim foreign p for patent or inventor's inventor's certificate hav	certificate listed below	and have also iden	tified below any fo	reign application to	application(s or patent or
Number	Country	Date Filed	Priority Claimed		
			yes	no	
			yes yes	no	
U.S. Priority Cla	im				
I hereby claim the bene listed below and, insofa United States application 112, I acknowledge the Section 1.56(a) which conternational filing date	r as the subject matte on in the manner prov duty to disclose mate occurred between the	r of each of the clain ided by the first para erial information as o	ns of this application agraph of Title 35, lefined in Title 37,	on is not disclosed United States Cod Code of Federal R	e, Section egulations,
Serial Number	Filing Date	Status	(patented/pendin	g/abandoned)	•

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent Trademark Office connected therewith.

James P. Hao	Registration No.: 36,398
Anthony C. Murabito	Registration No.: 35,295
John P. Wagner	Registration No.: 35,398
Glenn D. Barnes	Registration No.: P-42,293
Wilfred H. Lam	Registration No.: P-41,923
Steve Weiner	Registration No.: 38,330
Chris Byrne	Registration No.: 32,204
Irene Fernandez	Registration No.: 34,625
John Brigden	Registration No.: 40,530
•	

Send Correspondence to:

WAGNER, MURABITO & HAO

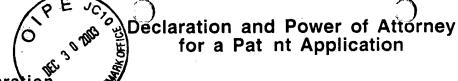
Two North Market Street, Third Floor San Jose, California 95113 (408) 938-9060

Signatures

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Sole/First Invent	or: Timothy van H	ook		
	Janus VI	J. van Hook under 37 C.F.R.	Date	5/11/98
Residence Atherton, (as F. Had signing for firmothy California State)	Citizenship	9 1.47 (D) USA	•••••
P.O. Address 224 Oakg		, California 94027		•••••••
Full Name of Second/Joint In	ventor: Peter Hsu			•
Inventor's Signature	***************************************	Date		
Residence Fremont, Ca (City	alifornia State)	Citizenship	••••••	••••••
P.O. Address 2853 Well	k Common, Fremont, Ca	lifornia 94555	•••••	•••••
Full Name of Third/Joint Inver	ntor: William A. Hu	ffman	······	
Inventor's Signature	••••••	Date		
Residence Los Gatos, (City	California	Citizenship USA		
	seleaf Lane, Los Gato	s, California 95032		*********

Full Name of Fourth/Joint Inventor: Henry P. Mo	reton
Inventor's Signature	Date
Residence Woodside, California	Citizenship USA
(City State)	
P.O. Address 140 Phillip Road, Woodside,	California 94062-2625
Full Name of Fifth/Joint Inventor: Earl A. Kil	lian
Full Name of Fitth John Wellor. Ball A. All	<u> </u>
Inventor's Signature	Date
Residence Los Altos Hills, California	Citizenship USA
(City State)	
P.O. Address 27961 Central Drive, Los Al	tos Hills, California 94022





As below named inventor, I hereby declare that my residence post office address, and citizenship are as stated below my name. Further, I hereby declare that I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

A METHOD FOR PROV	IDING EXTENDED PREG	cision in s	MD VECTOR ARITH	METIC OPERATIONS
the specification of which	ch:			
is attached hereto X was filed on 1 was amend	o, or 0/9/97 as appl led on	ication serial no	. 08/947,648	": and
	ve reviewed and understa I by any amendment refe			ied specification, including
I acknowledge the duty accordance with Title 3	to disclose information w 7, Code of Federal Regu	hich is material lations, Section	to the examination of 1.56(a).	this application in
Foreign Priority	Claim			
for patent or inventor's	priority benefits under Titl certificate listed below ar ving a filing date before the	nd have also ide	entified below any fore	9 of any foreign application(s) eign application for patent or y is claimed:
Number	Country	Date Filed	Priority Claimed	
			yes	no
			yes	•
U.S. Priority Cla	nim			
listed below and, insofa United States application 112, I acknowledge the	or as the subject matter of on in the manner provide aduty to disclose materia occurred between the filir	f each of the cla d by the first pa I information as	ims of this application ragraph of Title 35, U defined in Title 37, C	ited States application(s) is not disclosed in the prior nited States Code, Section ode of Federal Regulations, e national or PCT
Serial Number	Filing Date	Statu	s (patented/pending/	abandoned)
***************************************			••••••	***************************************

Page 1 of 3

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent Trademark Office connected therewith.

James P. Hao	Registration No.: 36,398	
Anthony C. Murabito	Registration No.: 35,295	000
John P. Wagner	Registration No.: 35,398	COP
Glenn D. Barnes	Registration No.: P-42, 293	• • •
Wilfred H. Lam	Registration No.: P-41,923	
Steve Weiner	Registration No.: 38,330	
Chris Byrne	Registration No.: 32,204	
Irene Fernandez	Registration No.: 34,625	•
John Brigden	Registration No.: 40,530	
•		

Send Correspondence to:

WAGNER, MURABITO & HAO

Two North Market Street, Third Floor San Jose, California 95113 (408) 938-9060

Signatures

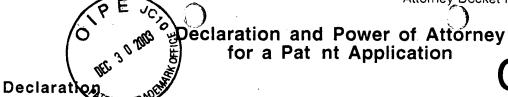
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Sole/First Inventor: Timothy v	an Hook
Inventor's Signature	Date
Residence Atherton, California (City State)	Citizenship USA
P.O. Address 224 Oakgrove Avenue, Ath	erton, California 94027
Full Name of Second/Joint Inventor: Peter Hs	ju
Inventor's Signature	
Residence Fremont, California (City State)	Citizenship U.S.A.
P.O. Address 2853 Welk Common, Fremon	t, California 94555
Full Name of Third/Joint Inventor: William A	. Huffman
Inventor's Signature	Date
Residence Los Gatos, California (City State)	Citizenship USA
P.O. Address 16205 Roseleaf Lane, Los	Gatos, California 95032

Page 2 of 3

rev. 1/98 dbp

Full Name of Fourth/Joint Inventor: Henry P. 1	Moreton
Inventor's Signature	Date
Residence Woodside, California	Citizenship USA
(City State)	
P.O. Address 140 Phillip Road, Woodsid	e, California 94062-2625
Full Name of Fifth/Joint Inventor: Earl A. Ki	illian
Inventor's Signature	Date
Residence Los Altos Hills, California	Citizenship USA
(City State)	
P.O. Address 27961 Central Drive, Los .	Altos Hills, California 94022



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A METHOD FOR PROVI		PRECISION IN S	IMD VECTOR ARITHM	ETIC OPERATIO)NS
the specification of which	ch:				
is attached hereto X was filed on 1 was amend	0/9/97 as	application serial no	. 08/947,648	: and	
I hereby state that I hav the claims, as amended				ed specification, in	ıcluding
l acknowledge the duty accordance with Title 3	to disclose information, Code of Federal F	on which is material Regulations, Section	to the examination of to 1.56(a).	his application in	
Foreign Priority	Claim		· ·		
I hereby claim foreign p for patent or inventor's of inventor's certificate have	ertificate listed belov	w and have also ide	intified below any foreign	an application for	plication(s) patent or
Number	Country	Date Filed	Priority Claimed		
			yes	no	
			yes	no	
U.S. Priority Cla	im				
I hereby claim the benefisted below and, insofar United States application 112, I acknowledge the Section 1.56(a) which or international filing date of the section of the	as the subject matter on in the manner prov duty to disclose mat occurred between the	er of each of the cla vided by the first pa erial information as	ims of this application is ragraph of Title 35, Uni defined in Title 37, Coo	s not disclosed in ited States Code, de of Federal Rec	the prior Section
Serial Number	Filing Date	Status	(patented/pending/al	bandoned)	
				······································	
	***************************************		***************************************		

Page 1 of 3

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(City State) P.O. Address 224 Oakgrove Avenue, Athe	erton, California 94027
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Full Name of Third/Joint Inventor: William A.	. Huffman
Inventor's Signature Mulcum C Residence Los Gatos, California (City State)	Date Man 5, 1798 Citizenship USA
P.O. Address 16205 Roseleaf Lane, Los	Gatos, California 95032

Page 2 of 3

rev. 1/98 dbp

Full Name of Fourth/Joint Inventor: Henry P. M	oreton
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Inventor's Signature	Date
Residence Los Altos Hills, California	Citizenship USA
(City State) P.O. Address 27961 Central Drive, Los A	ltos Hills, California 94022



Declaration and Power of Attorn y for a Patent Application



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the specification of wi	nich:		
is attached here X was filed on was ame	10/9/97 as ap	plication serial no	o. <u>08/947,648</u> : and .
	ave reviewed and unders ed by any amendment re		ts of the above identified specification, including and
I acknowledge the dut accordance with Title	y to disclose information 37, Code of Federal Reg	which is material gulations, Section	I to the examination of this application in 1.56(a).
Foreign Priority	Claim		
for patent or inventor's	s certificate listed below a	and have also ide	tates Code Section 119 of any foreign application (entified below any foreign application for patent or cation on which priority is claimed:
Number	Country	Date Filed	Priority Claimed
			no
			yes no
U.S. Priority C	aim		
listed below and, inso United States applicated 112, I acknowledge the	far as the subject matter of tion in the manner providure the duty to disclose materity occurred between the file	of each of the cla ed by the first pa al information as	Section 120 of any United States application(s) aims of this application is not disclosed in the prior aragraph of Title 35, United States Code, Section defined in Title 37, Code of Federal Regulations, rior application and the national or PCT
Serial Number	Filing Date	Status	s (patented/pending/abandoned)

Page 1 of 3

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Inventor's Signature	Date
Inventor's Signature Residence Atherton, California (City State)	
P.O. Address 224 Oakgrove Avenue, Atherton,	California 94027
Full Name of Second/Joint Inventor: Peter Hsu	
Inventor's Signature	Date
Inventor's Signature Residence Fremont, California (City State)	Citizenship
P.O. Address 2853 Welk Common, Fremont, Cal	ifornia 94535
Full Name of Third/Joint Inventor: William A. Huf	fman
Inventor's Signature	Date
Inventor's Signature Residence Los Gatos, California (City State)	Citizenship USA
P.O. Address 16205 Roseleaf Lane, Los Gatos	s, California 95032

Page 2 of 3

Full Name of Fourth/Joint Inventor: Henry P. More	aton
Inventor's Signature Residence Woodside California	Date 3/6/98 Citizenship USA
(City State)	OKIZOTOTIP OSA
P.O. Address 140 Phillip Road, Woodside, (California 94062-2625
Full Name of Fifth/Joint Inventor: Earl A. Killi	ian .
Inventor's Signature	Date
Residence Los Altos Hills, California	Citizenship USA
(City State) P.O. Address 27961 Central Drive, Los Alto	os Hills, California 94022

Attorney Docket No.:SGI 15-4-458.00



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A METHOD FOR PROVI	DING EXTENDED PREC	CISION IN S	MD VECTOR ARITH	METIC OPERATIONS	3
the specification of which	ch:				
is attached hereto X was filed on 1 was amend	o, or 0/9/97 as appl ed on	ication serial no	. 08/947,648	_ : and	
	e reviewed and understa by any amendment refe			ied specification, incl	uding
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Foreign Priority	Claim				
for patent or inventor's of	riority benefits under Title certificate listed below an ving a filing date before the	nd have also ide	entified below any fore	eign application for pa	ication(s) atent or
Number	Country	Date Filed	Priority Claimed		
			yes	no	
			yes		
U.S. Priority Cla	im				
listed below and, insofa United States application 112, I acknowledge the	fit under Title 35, United r as the subject matter of on in the manner provide duty to disclose materia occurred between the filir of this application:	feach of the cla d by the first pa I information as	ims of this application ragraph of Title 35, U defined in Title 37, C	n is not disclosed in the Inited States Code, S Tode of Federal Regul	ne prior section
Serial Number	Filing Date	Statu	s (patented/pending/	abandoned)	
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				•••••	

Page 1 of 3

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Full Name of Sole/First Inventor: Timothy van	Hook
Inventor's Signature	Date
Inventor's Signature Residence Atherton, California (City State)	Citizenship USA
P.O. Address 224 Oakgrove Avenue, Atherto	on, California 94027
Full Name of Second/Joint Inventor: Peter Hsu	
Inventor's Signature	Date
Inventor's Signature Residence Fremont, California (City State)	Citizenship
P.O. Address 2853 Welk Common, Fremont, (California 94555
Full Name of Third/Joint Inventor: william A. 1	Huffman
Inventor's Signature	Date
Inventor's Signature Residence Los Gatos, California	Citizenship USA
(City State)	
P.O. Address 16205 Roseleaf Lane, Los Ga	tos, California 95032

Page 2 of 3

Full Name of Fourth/Joint Inventor: Henry P. M	loreton
Inventor's Signature	Date
Residence Woodside, California	Citizenship USA
(City State)	***************************************
P.O. Address 140 Phillip Road, Woodside	e, California 94062-2625
Full Name of Fifth/Joint Inventor: Earl A. Ki	llian
Inventor's Signature GCa Kala	Date 20 March 1998
Residence Los Altos Hills, California	Citizenship USA
(City State)	
P.O. Address 27961 Central Drive, Los A	Altos Hills, California 94022



In re Application of:
Van Hook, et al.

Serial No.: 08/947,648

Filed: October 9, 1997

For: A METHOD FOR PROVIDING
EXTENDED PROVISION IN SIMD
VECTOR ARITHMETIC OPERATIONS

Art Unit: 2787

RECEIVED

JAN 07 2004

Technology Center 2100

Hon. Commissioner of Patents and Trademarks Washington, D.C. 20231

STATEMENT OF FACTS IN SUPPORT OF FILING ON BEHALF OF NONSIGNING INVENTOR UNDER 37 C.F.R. §1.47(b)

Dear Sir:

I hereby declare:

- 1. I am making this STATEMENT OF FACTS IN SUPPORT OF FILING ON BEHALF OF NONSIGNING INVENTOR UNDER 37 C.F.R. §1.47(b) in connection with U.S. Patent Application Serial No. 08/947,648, filed October 9, 1997 (hereinafter referred to as "the present patent application").
 - 2. I currently reside at 1678 Tupolo Drive, San Jose, CA 95124.

- 3. I am a registered patent attorney of record in the present patent application and am a partner at the law firm of Wagner, Murabito & Hao L.L.P. (hereinafter "the firm").
- 4. I am authorized by Silicon Graphics Incorporated (hereinafter "SGI), a juristic entity with sufficient proprietary interest in the present patent application, to sign on behalf of the non-signing inventor, Timothy van Hook, who had agreed to assign his inventive rights to SGI as part of his employment agreement.
- 5. The last known residence of Mr. van Hook is: 224 Oak Grove Avenue, Atherton, CA 94027.
- 6. A first draft of the present patent application was sent to Mr. van Hook at SGI for his review on May 7, 1997. The firm did not receive any communications or comments back from Mr. van Hook.
- 7. A final draft of the present patent application along with Declaration and Assignment forms were sent to Mr. van Hook at his residence on October 7, 1997, for his signature. The firm did not receive any letters or communications from Mr. van Hook.
- 8. On October 9, 1997, the present patent application was filed with the U.S. Patent Office with an unsigned Declaration.
- 9. A Notice To File Missing Parts Of Application was received by the firm on February 12, 1998.

10. Declaration and Assignment forms were subsequently mailed via overnight delivery to Mr. van Hook to his residence on March 4, 1998 for his signature with a self-addressed stamped return envelope. The firm has yet to receive the executed documents.

11. Another set of Declaration and Assignment forms were sent via certified mail to Mr. van Hook on March 31, 1998. The package was returned back to the firm undelivered.

- 12. This petition is necessary to prevent the present patent application from becoming abandoned, which would cause irreparable damage to SGI.
 - 13. Enclosed is a check for the petition fee of \$130.00.

I declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

	Respectfully submitted,		
Date:5/12	WAGNER, MURABITO & HAO L.L.P. ORIGINAL SIGNED BY		
÷	James P. Hao		
•	Reg. No. 36 398		

PETITION FORM FOR SIGNATURE BY PERSON WITH SUFFICIENT PROPRIETARY INTEREST ON BEHALF OF OMITTED INVENTOR(S)WHO REFUSE(S)TO SIGN OR CANNOT BE REACHED (37 CFR 1.47(b))

,	James I	P. Hao
type or pn	int name of	person (entity) with sufficient proprietary interest or authorized to act on behalf of such person (entity))
hereby	declare	that:
l.	I am a c	itizen of <u>United States of America</u>
م ا ا ا م م	-4	1070 Timele Drive
residing	aı	1678 Tupolo Drive
		San Jose, California 95124
*:		
1.	1	
	[]	am a person with sufficient proprietary interest.
	[X]	am a registered attorney, authorized by the following person or juristic entity with sufficient proprietary interest,
		(complete the following information, if applicable):
	Silicon (Graphics, Inc.
	2011 N	orth Shoreline Boulevard
	<u>Mounta</u>	in View, California 94043-1389
II.	By virtu	e of this proprietary interest, I sign this declaration on behalf of, and as agent for:
		Mr. Timothy J. van Hook
omitted	invento	r who
		[] refuses to sign
		[X] cannot be found or reached

	Citizenship: Unite	ed States of America	
	224 Oakgrove A	venue	
	Atherton, Californ	nia 94027	
			• •
IV.	Upon information and be	lief, I aver those fact tha	at the inventors is required to state, 37 CFR
٧.	Accompanying this decla	ration is:	
	A STATEMENT OF FACT	S IN SUPPORT OF FIL	LING ON BEHALF OF NONSIGNING INVENTOR,
	ablish the proof of pertinent urties or to prevent irreparab		t such action is necessary to preserve the rights of
	the petition fee of \$130.0	00 (37 C.F.R. 1.17(I))	ORIGINAL SIGNED BY
Date:	5/12/98		J.P.H.
/		James P. Hao	